## **AMENDMENTS TO THE CLAIMS:**

Please amend the claims as follows:

Claims 1-79. (Canceled).

80. (Currently Amended) A compound of the formula:

$$Cy - Q^{1} - J^{1} - N_{1} + N_{2} - Q^{2} - C - N_{1} - OH$$
 (1)

wherein:

the piperazin-1,4-diyl group is optionally substituted;

 $J^1$  is independently a covalent bond or -C(=O)-;

 $J^2$  is independently -C(=O)- or -S(=O)<sub>2</sub>-;

wherein:

Cy is independently:

C<sub>3-20</sub>carbocyclyl,

C<sub>3-20</sub>heterocyclyl, or

 $C_{5-20}$ aryl;

and is optionally substituted;

Q<sup>1</sup> is independently:

a covalent bond;

C<sub>1-7</sub>alkylene; or

C<sub>1-7</sub>alkylene-X-C<sub>1-7</sub>alkylene, -X-C<sub>1-7</sub>alkylene, or C<sub>1-7</sub>alkylene-X-,

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wherein X is -O- or -S-; and is optionally substituted;

Q<sup>2</sup> is independently:

C<sub>4-8</sub>alkylene;

and is optionally substituted;

and has a backbone length of at least 4 atoms;

or:

Q<sup>2</sup> is independently:

C<sub>5-20</sub>arylene-C<sub>1-7</sub>alkylene;

C<sub>1-7</sub>alkylene-C<sub>5-20</sub>arylene; or,

C<sub>1-7</sub>alkylene-C<sub>5-20</sub>arylene-C<sub>1-7</sub>alkylene;

and is optionally substituted;

and has a backbone length of at least 4 atoms;

or a pharmaceutically acceptable salt, amide, ester, or ether thereof, provided that Cy is not pyridine, pyrimidine, a bicyclic ring containing one nitrogen atom, or a bicyclic ring containing at least one of a sulfur or oxygen.

Claims 81-173. (Canceled)

- 174. (New) A compound according to claim 80, wherein the piperazin-1,4-diyl group is unsubstituted or substituted at one or more the 2-, 3-, 5-, and 6-positions with  $C_{1-4}$ alkyl.
- 175. (New) A compound according to claim 174, wherein  $J^1$  is a covalent bond and  $J^2$  is -C(=O)-.

- 176. (New) A compound according to claim 174, wherein  $J^1$  is -C(=O)- and  $J^2$  is -C(=O)-.
- 177. (New) A compound according to claim 174, wherein  $J^1$  is a covalent bond and  $J^2$  is  $-S(=O)_2$ -.
- 178. (New) A compound according to claim 174, wherein  $J^1$  is -C(=O)- and  $J^2$  is -S(=O)<sub>2</sub>-.
- 179. (New) A compound according to claim 174, wherein Q<sup>1</sup> is independently a covalent bond.
- 180. (New) A compound according to claim 175, wherein Q<sup>1</sup> is independently a covalent bond.
- 181. (New) A compound according to claim 176, wherein Q<sup>1</sup> is independently a covalent bond.
- 182. (New) A compound according to claim 177, wherein Q<sup>1</sup> is independently a covalent bond.
- 183. (New) A compound according to claim 174, wherein  $Q^1$  is independently  $C_{1-7}$ alkylene, and is optionally substituted.
- 184. (New) A compound according to claim 175, wherein  $Q^1$  is independently  $C_{1-7}$ alkylene, and is optionally substituted.
- 185. (New) A compound according to claim 176, wherein  $Q^1$  is independently  $C_{1-7}$ alkylene, and is optionally substituted.
- 186. (New) A compound according to claim 177, wherein  $Q^1$  is independently  $C_{1-7}$ alkylene, and is optionally substituted.

- 187. (New) A compound according to claim 174, wherein  $Q^1$  is independently  $C_{1-3}$  alkylene, and is optionally substituted with one or more groups selected from -F, -Cl, -Br, -I, -OH, -OMe, -OEt, -OPr, -Ph, -NH<sub>2</sub>, -CONH<sub>2</sub>, and =O.
- 188. (New) A compound according to claim 175, wherein Q<sup>1</sup> is independently C<sub>1-3</sub>alkylene, and is optionally substituted with one or more groups selected from -F, -Cl, -Br, -I, -OH, -OMe, -OEt, -OPr, -Ph, -NH<sub>2</sub>, -CONH<sub>2</sub>, and =O.
- 189. (New) A compound according to claim 176, wherein Q<sup>1</sup> is independently C<sub>1-3</sub>alkylene, and is optionally substituted with one or more groups selected from -F, -Cl, -Br, -I, -OH, -OMe, -OEt, -OPr, -Ph, -NH<sub>2</sub>, -CONH<sub>2</sub>, and =O.
- 190. (New) A compound according to claim 177, wherein Q<sup>1</sup> is independently C<sub>1-3</sub>alkylene, and is optionally substituted with one or more groups selected from -F, -Cl, -Br, -I, -OH, -OMe, -OEt, -OPr, -Ph, -NH<sub>2</sub>, -CONH<sub>2</sub>, and =O.
- 191. (New) A compound according to claim 174, wherein  $Q^1$  is independently  $C_{1-3}$ alkylene-X- $C_{1-3}$ alkylene, -X- $C_{1-3}$ alkylene, or  $C_{1-3}$ alkylene-X- wherein X is -O- or -S- and is optionally substituted with one or more groups selected from -F, -Cl, -Br, -I, -OH, -OMe, -OEt, -OPr, -Ph, -NH<sub>2</sub>, -CONH<sub>2</sub>, and =O.
- 192. (New) A compound according to claim 174, wherein Q<sup>1</sup> is independently C<sub>1-3</sub>alkylene-X-C<sub>1-3</sub>alkylene, -X-C<sub>1-3</sub>alkylene, or C<sub>1-3</sub>alkylene-X- wherein X is -O- or -S-.
- 193. (New) A compound according to claim 174, wherein  $Q^2$  is independently  $C_{4\text{-}8}$  alkylene and is optionally substituted.
- 194. (New) A compound according to claim 174, wherein  $Q^2$  is independently a saturated aliphatic  $C_{4-8}$ alkylene group.

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- 195. (New) A compound according to claim 179, wherein Q<sup>2</sup> is independently a saturated aliphatic C<sub>4-8</sub>alkylene group.
- 196. (New) A compound according to claim 180, wherein Q<sup>2</sup> is independently a saturated aliphatic C<sub>4-8</sub>alkylene group.
- 197. (New) A compound according to claim 181, wherein Q<sup>2</sup> is independently a saturated aliphatic C<sub>4-8</sub>alkylene group.
- 198. (New) A compound according to claim 187, wherein Q<sup>2</sup> is independently a saturated aliphatic C<sub>4-8</sub>alkylene group.
- 199. (New) A compound according to claim 188, wherein Q<sup>2</sup> is independently a saturated aliphatic C<sub>4-8</sub>alkylene group.
- 200. (New) A compound according to claim 189, wherein Q<sup>2</sup> is independently a saturated aliphatic C<sub>4-8</sub>alkylene group.
- 201. (New) A compound according to claim 192, wherein Q<sup>2</sup> is independently a saturated aliphatic C<sub>4-8</sub>alkylene group.
- 202. (New) A compound according to claim 174, wherein Q<sup>2</sup> is independently selected from  $-(CH_2)_{5-}$ ,  $-(CH_2)_{6-}$ ,  $-(CH_2)_{7-}$ , and  $-(CH_2)_{8-}$ .
- 203. (New) A compound according to claim 174, wherein Q2 is independently C<sub>5-20</sub>arylene-C<sub>1-7</sub>alkylene and is optionally substituted.
- 204. (New) A compound according to claim 174, wherein Q<sup>2</sup>, is independently C<sub>5-6</sub>arylene-C<sub>1-7</sub>alkylene and is optionally substituted.

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205. (New) A compound according to claim 174, wherein  $Q^2$ , is independently phenylene- $C_{1-7}$ alkylene,  $C_{1-7}$ alkylene-phenylene, or  $C_{1-7}$ alkylene-phenylene- $C_{1-7}$ alkylene and is optionally substituted.

206. (New) A compound according to claim 174, wherein Q<sup>2</sup>, is independently phenylene-methylene, phenylene-ethylene, or phenylene-ethenylene and is optionally substituted.

207. (New) A compound according to claim 206, wherein the phenylene linkage is meta.

208. (New) A compound according to claim 206, wherein the phenylene linkage is para.

209. (New) A compound according to claim 174, wherein Q<sup>2</sup>, is independently:

210. (New) A compound according to claim 179, wherein Q<sup>2</sup>, is independently:

211. (New) A compound according to claim 182, wherein Q<sup>2</sup>, is independently:

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212. (New) A compound according to claim 187, wherein Q<sup>2</sup>, is independently:

213. (New) A compound according to claim 190, wherein Q<sup>2</sup>, is independently:

214. (New) A compound according to claim 174, wherein Q<sup>2</sup> has a backbone of at least 5 atoms.

215. (New) A compound according to claim 174, wherein Q<sup>2</sup> has a backbone of at least 6 atoms.

216. (New) A compound according to claim 174, wherein Cy is independently  $C_{5-20}$  carboaryl or  $C_{5-20}$ heteroaryl and is optionally substituted.

217. (New) A compound according to claim 174, wherein Cy is independently phenyl, furanyl, pyrrolyl, imidazolyl, pyrazinyl, pyridizinyl, naphthyl, fluorenyl, acridinyl, or carbazolyl; and is optionally substituted.

218. (New) A compound according to claim 174, wherein Cy is independently phenyl or naphthyl; and is optionally substituted.

219. (New) A compound according to claim 174, wherein Cy is independently phenyl and is optionally substituted.

220. (New) A compound according to claim 179, wherein Cy is independently phenyl and is optionally substituted.

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- 221. (New) A compound according to claim 187, wherein Cy is independently phenyl and is optionally substituted.
- 222. (New) A compound according to claim 194, wherein Cy is independently phenyl and is optionally substituted.
- 223. (New) A compound according to claim 195, wherein Cy is independently phenyl and is optionally substituted.
- 224. (New) A compound according to claim 196, wherein Cy is independently phenyl and is optionally substituted.
- 225. (New) A compound according to claim 197, wherein Cy is independently phenyl and is optionally substituted.
- 226. (New) A compound according to claim 198, wherein Cy is independently phenyl and is optionally substituted.
- 227. (New) A compound according to claim 199, wherein Cy is independently phenyl and is optionally substituted.
- 228. (New) A compound according to claim 200, wherein Cy is independently phenyl and is optionally substituted.
- 229. (New) A compound according to claim 201, wherein Cy is independently phenyl and is optionally substituted.
- 230. (New) A compound according to claim 209, wherein Cy is independently phenyl and is optionally substituted.
- 231. (New) A compound according to claim 210, wherein Cy is independently phenyl and is optionally substituted.

- 232. (New) A compound according to claim 211, wherein Cy is independently phenyl and is optionally substituted.
- 233. (New) A compound according to claim 212, wherein Cy is independently phenyl and is optionally substituted.
- 234. (New) A compound according to claim 213, wherein Cy is independently phenyl and is optionally substituted.
- 235. (New) A compound according to claim 174, wherein Cy is independently phenyl and is optionally substituted with one or more groups selected from -C(=O)OMe, -C(=O)OEt, -C(=O)O(Pr), -C(=O)O(iPr), -C(=O)O(nBu), -C(=O)O(sBu), -C(=O)O(iBu), -C(=O)O(tBu), -C(=O)O(nPe), -C(=O)OCH<sub>2</sub>CH<sub>2</sub>OH, -C(=O)OCH<sub>2</sub>CH<sub>2</sub>OMe, -C(=O)OCH<sub>2</sub>CH<sub>2</sub>OEt, -(C=O)NH<sub>2</sub>, -(C=O)NMe<sub>2</sub>, -(C=O)NEt<sub>2</sub>, -(C=O)N(iPr)<sub>2</sub>, -(C=O)N(CH<sub>2</sub>CH<sub>2</sub>OH)<sub>2</sub>, -(C=O)Me, -(C=O)Et, -(C=O)-cHex, -(C=O)Ph, -F, -CI, -Br, -I, -OH, -OMe, -OEt, -O(iPr), -O(tBu), -OPh, -OCF<sub>3</sub>, -OCH<sub>2</sub>CF<sub>3</sub>, -OCH<sub>2</sub>CH<sub>2</sub>OH, -OCH<sub>2</sub>CH<sub>2</sub>OMe, -OCH<sub>2</sub>CH<sub>2</sub>OEt, -OCH<sub>2</sub>CH<sub>2</sub>NH<sub>2</sub>, -OCH<sub>2</sub>CH<sub>2</sub>NMe<sub>2</sub>, -OCH<sub>2</sub>CH<sub>2</sub>N(iPr)<sub>2</sub>, -OPh, -OPh-Me, -OPh-OH, -OPh-OMe, -OPh-F, -OPh-CI, -OPh-Br, -OPh-I, -Me, -Et, -nPr, -iPr, -nBu, -iBu, -sBu, -tBu, -nPe, -CF<sub>3</sub>, -CH<sub>2</sub>CF<sub>3</sub>, -CH<sub>2</sub>CH<sub>2</sub>OH, -CH<sub>2</sub>CH<sub>2</sub>OMe, -CH<sub>2</sub>CH<sub>2</sub>OEt, -CH<sub>2</sub>CH<sub>2</sub>NHe<sub>2</sub>, -CH<sub>2</sub>CH<sub>2</sub>NMe<sub>2</sub>, -CH<sub>2</sub>CH<sub>2</sub>OH, -Ph, -Ph, -Ph-Me, -Ph-OH, -Ph-OMe, -Ph-F, -Ph-CI, -Ph-Br, -Ph-I, -SO<sub>2</sub>Me, -SO<sub>2</sub>Et, -SO<sub>2</sub>Ph, -SO<sub>2</sub>NH<sub>2</sub>, -SO<sub>2</sub>NMe<sub>2</sub>, -SO<sub>2</sub>NEt<sub>2</sub>, -NMe<sub>2</sub>, -NEt<sub>2</sub>, morpholino, -NO<sub>2</sub>, and -CN.
- 236. (New) A compound according to claim 179, wherein Cy is independently phenyl and is optionally substituted with one or more groups selected from -C(=O)OMe, -C(=O)OEt, -C(=O)O(Pr), -C(=O)O(iPr), -C(=O)O(nBu), -C(=O)O(sBu), -C(=O)O(iBu),

-C(=O)O(tBu), -C(=O)O(nPe), -C(=O)OCH<sub>2</sub>CH<sub>2</sub>OH, -C(=O)OCH<sub>2</sub>CH<sub>2</sub>OMe, -C(=O)OCH<sub>2</sub>CH<sub>2</sub>OEt, -(C=O)NH<sub>2</sub>, -(C=O)NMe<sub>2</sub>, -(C=O)NEt<sub>2</sub>, -(C=O)N(iPr)<sub>2</sub>, -(C=O)N(CH<sub>2</sub>CH<sub>2</sub>OH)<sub>2</sub>, -(C=O)Me, -(C=O)Et, -(C=O)-cHex, -(C=O)Ph, -F, -Cl, -Br, -l, -OH, -OMe, -OEt, -O(iPr), -O(tBu), -OPh, -OCF<sub>3</sub>, -OCH<sub>2</sub>CF<sub>3</sub>, -OCH<sub>2</sub>CH<sub>2</sub>OH, -OCH<sub>2</sub>CH<sub>2</sub>OMe, -OCH<sub>2</sub>CH<sub>2</sub>OEt, -OCH<sub>2</sub>CH<sub>2</sub>NH<sub>2</sub>, -OCH<sub>2</sub>CH<sub>2</sub>NMe<sub>2</sub>, -OCH<sub>2</sub>CH<sub>2</sub>N(iPr)<sub>2</sub>, -OPh, -OPh-Me, -OPh-OH, -OPh-OMe, -OPh-F, -OPh-Cl, -OPh-Br, -OPh-I, -Me, -Et, -nPr, -iPr, -nBu, -iBu, -sBu, -tBu, -nPe, -CF<sub>3</sub>, -CH<sub>2</sub>CF<sub>3</sub>, -CH<sub>2</sub>CH<sub>2</sub>OH, -CH<sub>2</sub>CH<sub>2</sub>OMe, -CH<sub>2</sub>CH<sub>2</sub>OEt, -CH<sub>2</sub>CH<sub>2</sub>NH<sub>2</sub>, -CH<sub>2</sub>CH<sub>2</sub>NMe<sub>2</sub>, -CH<sub>2</sub>CH<sub>2</sub>N(iPr)<sub>2</sub>, -CH<sub>2</sub>-Ph, -Ph, -Ph-Me, -Ph-OH, -Ph-OMe, -Ph-F, -Ph-Cl, -Ph-Br, -Ph-I, -SO<sub>2</sub>Me, -SO<sub>2</sub>Et, -SO<sub>2</sub>Ph, -SO<sub>2</sub>NH<sub>2</sub>, -SO<sub>2</sub>NMe<sub>2</sub>, -SO<sub>2</sub>NEt<sub>2</sub>, -NMe<sub>2</sub>, -NEt<sub>2</sub>, morpholino, -NO<sub>2</sub>, and -CN.

237. (New) A compound according to claim 180, wherein Cy is independently phenyl and is optionally substituted with one or more groups selected from -C(=O)OMe, -C(=O)OEt, -C(=O)O(Pr), -C(=O)O(iPr), -C(=O)O(nBu), -C(=O)O(sBu), -C(=O)O(iBu), -C(=O)O(tBu), -C(=O)O(tBu), -C(=O)O(nPe), -C(=O)OCH<sub>2</sub>CH<sub>2</sub>OH, -C(=O)OCH<sub>2</sub>CH<sub>2</sub>OMe, -C(=O)OCH<sub>2</sub>CH<sub>2</sub>OEt, -(C=O)NH<sub>2</sub>, -(C=O)NMe<sub>2</sub>, -(C=O)NEt<sub>2</sub>, -(C=O)N(iPr)<sub>2</sub>, -(C=O)N(CH<sub>2</sub>CH<sub>2</sub>OH)<sub>2</sub>, -(C=O)Me, -(C=O)Et, -(C=O)-cHex, -(C=O)Ph, -F, -Cl, -Br, -l, -OH, -OMe, -OEt, -O(iPr), -O(tBu), -OPh, -OCF<sub>3</sub>, -OCH<sub>2</sub>CF<sub>3</sub>, -OCH<sub>2</sub>CH<sub>2</sub>OH, -OCH<sub>2</sub>CH<sub>2</sub>OMe, -OCH<sub>2</sub>CH<sub>2</sub>OEt, -OCH<sub>2</sub>CH<sub>2</sub>NH<sub>2</sub>, -OCH<sub>2</sub>CH<sub>2</sub>NMe<sub>2</sub>, -OCH<sub>2</sub>CH<sub>2</sub>N(iPr)<sub>2</sub>, -OPh, -OPh-Me, -OPh-OH, -OPh-OMe, -OPh-F, -OPh-Cl, -OPh-Br, -OPh-I, -Me, -Et, -nPr, -iPr, -nBu, -iBu, -sBu, -tBu, -nPe, -CF<sub>3</sub>, -CH<sub>2</sub>CF<sub>3</sub>, -CH<sub>2</sub>CH<sub>2</sub>OH, -CH<sub>2</sub>CH<sub>2</sub>OMe, -CH<sub>2</sub>CH<sub>2</sub>OEt, -CH<sub>2</sub>CH<sub>2</sub>NHe<sub>2</sub>, -CH<sub>2</sub>CH<sub>2</sub>N(iPr)<sub>2</sub>, -CH<sub>2</sub>-Ph, -Ph, -Ph, -Ph-Me,

-Ph-OH, -Ph-OMe, -Ph-F, -Ph-Cl, -Ph-Br, -Ph-I, -SO<sub>2</sub>Me, -SO<sub>2</sub>Et, -SO<sub>2</sub>Ph, -SO<sub>2</sub>NH<sub>2</sub>, -SO<sub>2</sub>NMe<sub>2</sub>, -SO<sub>2</sub>NEt<sub>2</sub>, -NMe<sub>2</sub>, -NEt<sub>2</sub>, morpholino, -NO<sub>2</sub>, and -CN.

238. (New) A compound according to claim 181, wherein Cy is independently phenyl and is optionally substituted with one or more groups selected from -C(=O)OMe, -C(=O)OEt, -C(=O)O(Pr), -C(=O)O(iPr), -C(=O)O(nBu), -C(=O)O(sBu), -C(=O)O(iBu), -C(=O)O(tBu), -C(=O)O(tBu), -C(=O)O(nPe), -C(=O)OCH<sub>2</sub>CH<sub>2</sub>OH, -C(=O)OCH<sub>2</sub>CH<sub>2</sub>OMe, -C(=O)OCH<sub>2</sub>CH<sub>2</sub>OEt, -(C=O)NH<sub>2</sub>, -(C=O)NMe<sub>2</sub>, -(C=O)NEt<sub>2</sub>, -(C=O)N(iPr)<sub>2</sub>, -(C=O)N(iPr)<sub>2</sub>, -(C=O)N(CH<sub>2</sub>CH<sub>2</sub>OH)<sub>2</sub>, -(C=O)Me, -(C=O)Et, -(C=O)-cHex, -(C=O)Ph, -F, -Cl, -Br, -l, -OH, -OMe, -OEt, -O(iPr), -O(tBu), -OPh, -OCF<sub>3</sub>, -OCH<sub>2</sub>CF<sub>3</sub>, -OCH<sub>2</sub>CH<sub>2</sub>OH, -OCH<sub>2</sub>CH<sub>2</sub>OMe, -OCH<sub>2</sub>CH<sub>2</sub>OEt, -OCH<sub>2</sub>CH<sub>2</sub>NH<sub>2</sub>, -OCH<sub>2</sub>CH<sub>2</sub>NMe<sub>2</sub>, -OCH<sub>2</sub>CH<sub>2</sub>N(iPr)<sub>2</sub>, -OPh, -OPh-Me, -OPh-OH, -OPh-OMe, -OPh-F, -OPh-Cl, -OPh-Br, -OPh-I, -Me, -Et, -nPr, -iPr, -nBu, -iBu, -sBu, -tBu, -nPe, -CF<sub>3</sub>, -CH<sub>2</sub>CF<sub>3</sub>, -CH<sub>2</sub>CH<sub>2</sub>OH, -CH<sub>2</sub>CH<sub>2</sub>OMe, -CH<sub>2</sub>CH<sub>2</sub>OEt, -CH<sub>2</sub>CH<sub>2</sub>NH<sub>2</sub>, -CH<sub>2</sub>CH<sub>2</sub>NMe<sub>2</sub>, -CH<sub>2</sub>CH<sub>2</sub>N(iPr)<sub>2</sub>, -CH<sub>2</sub>-Ph, -Ph, -Ph-Me, -Ph-OH, -Ph-OMe, -Ph-F, -Ph-Cl, -Ph-Br, -Ph-I, -SO<sub>2</sub>Me, -SO<sub>2</sub>Et, -SO<sub>2</sub>Ph, -SO<sub>2</sub>NH<sub>2</sub>, -SO<sub>2</sub>NMe<sub>2</sub>, -SO<sub>2</sub>NEt<sub>2</sub>, -NMe<sub>2</sub>, -NEt<sub>2</sub>, morpholino, -NO<sub>2</sub>, and -CN.

239. (New) A compound according to claim 182, wherein Cy is independently phenyl and is optionally substituted with one or more groups selected from -C(=O)OMe, -C(=O)OEt, -C(=O)O(Pr), -C(=O)O(iPr), -C(=O)O(nBu), -C(=O)O(sBu), -C(=O)O(iBu), -C(=O)O(tBu), -C(=O)O(nPe), -C(=O)OCH<sub>2</sub>CH<sub>2</sub>OH, -C(=O)OCH<sub>2</sub>CH<sub>2</sub>OMe, -C(=O)OCH<sub>2</sub>CH<sub>2</sub>OEt, -(C=O)NH<sub>2</sub>, -(C=O)NMe<sub>2</sub>, -(C=O)NEt<sub>2</sub>, -(C=O)N(iPr)<sub>2</sub>, -(C=O)N(CH<sub>2</sub>CH<sub>2</sub>OH)<sub>2</sub>, -(C=O)Me, -(C=O)Et, -(C=O)-cHex, -(C=O)Ph, -F, -Cl, -Br, -I, -OH, -OMe, -OEt, -O(iPr), -O(tBu), -OPh, -OCF<sub>3</sub>, -OCH<sub>2</sub>CF<sub>3</sub>, -OCH<sub>2</sub>CH<sub>2</sub>OH,

-OCH<sub>2</sub>CH<sub>2</sub>OMe, -OCH<sub>2</sub>CH<sub>2</sub>OEt, -OCH<sub>2</sub>CH<sub>2</sub>NH<sub>2</sub>, -OCH<sub>2</sub>CH<sub>2</sub>NMe<sub>2</sub>, -OCH<sub>2</sub>CH<sub>2</sub>N(iPr)<sub>2</sub>, -OPh, -OPh-Me, -OPh-OH, -OPh-OMe, -OPh-F, -OPh-Cl, -OPh-Br, -OPh-I, -Me, -Et, -nPr, -iPr, -nBu, -iBu, -sBu, -tBu, -nPe, -CF<sub>3</sub>, -CH<sub>2</sub>CF<sub>3</sub>, -CH<sub>2</sub>CH<sub>2</sub>OH, -CH<sub>2</sub>CH<sub>2</sub>OMe, -CH<sub>2</sub>CH<sub>2</sub>OEt, -CH<sub>2</sub>CH<sub>2</sub>NH<sub>2</sub>, -CH<sub>2</sub>CH<sub>2</sub>NMe<sub>2</sub>, -CH<sub>2</sub>CH<sub>2</sub>N(iPr)<sub>2</sub>, -CH<sub>2</sub>-Ph, -Ph, -Ph-Me, -Ph-OH, -Ph-OMe, -Ph-F, -Ph-Cl, -Ph-Br, -Ph-I, -SO<sub>2</sub>Me, -SO<sub>2</sub>Et, -SO<sub>2</sub>Ph, -SO<sub>2</sub>NH<sub>2</sub>, -SO<sub>2</sub>NMe<sub>2</sub>, -SO<sub>2</sub>NEt<sub>2</sub>, -NMe<sub>2</sub>, -NEt<sub>2</sub>, morpholino, -NO<sub>2</sub>, and -CN.

240. (New) A compound according to claim 187, wherein Cy is independently phenyl and is optionally substituted with one or more groups selected from -C(=O)OMe, -C(=O)OEt, -C(=O)O(Pr), -C(=O)O(iPr), -C(=O)O(nBu), -C(=O)O(sBu), -C(=O)O(iBu), -C(=O)O(tBu), -C(=O)O(nPe), -C(=O)OCH<sub>2</sub>CH<sub>2</sub>OH, -C(=O)OCH<sub>2</sub>CH<sub>2</sub>OMe, -C(=O)OCH<sub>2</sub>CH<sub>2</sub>OEt, -(C=O)NH<sub>2</sub>, -(C=O)NMe<sub>2</sub>, -(C=O)NEt<sub>2</sub>, -(C=O)N(iPr)<sub>2</sub>, -(C=O)N(CH<sub>2</sub>CH<sub>2</sub>OH)<sub>2</sub>, -(C=O)Me, -(C=O)Et, -(C=O)-cHex, -(C=O)Ph, -F, -Cl, -Br, -I, -OH, -OMe, -OEt, -O(iPr), -O(tBu), -OPh, -OCF<sub>3</sub>, -OCH<sub>2</sub>CF<sub>3</sub>, -OCH<sub>2</sub>CH<sub>2</sub>OH, -OCH<sub>2</sub>CH<sub>2</sub>OMe, -OCH<sub>2</sub>CH<sub>2</sub>OEt, -OCH<sub>2</sub>CH<sub>2</sub>NH<sub>2</sub>, -OCH<sub>2</sub>CH<sub>2</sub>NMe<sub>2</sub>, -OCH<sub>2</sub>CH<sub>2</sub>N(iPr)<sub>2</sub>, -OPh, -OPh-Me, -OPh-OH, -OPh-OMe, -OPh-F, -OPh-Cl, -OPh-Br, -OPh-I, -Me, -Et, -nPr, -iPr, -nBu, -iBu, -sBu, -tBu, -nPe, -CF<sub>3</sub>, -CH<sub>2</sub>CF<sub>3</sub>, -CH<sub>2</sub>CH<sub>2</sub>OH, -CH<sub>2</sub>CH<sub>2</sub>OMe, -CH<sub>2</sub>CH<sub>2</sub>OEt, -CH<sub>2</sub>CH<sub>2</sub>NHe<sub>2</sub>, -CH<sub>2</sub>CH<sub>2</sub>NMe<sub>2</sub>, -CH<sub>2</sub>CH<sub>2</sub>OMe, -CH<sub>2</sub>CH<sub>2</sub>OEt, -CH<sub>2</sub>CH<sub>2</sub>NHe<sub>2</sub>, -CH<sub>2</sub>CH<sub>2</sub>NMe<sub>2</sub>, -CH<sub>2</sub>CH<sub>2</sub>NHe, -Ph-OH, -Ph-OMe, -Ph-F, -Ph-Cl, -Ph-Br, -Ph-I, -SO<sub>2</sub>Me, -SO<sub>2</sub>Et, -SO<sub>2</sub>Ph, -SO<sub>2</sub>NH<sub>2</sub>, -SO<sub>2</sub>NMe<sub>2</sub>, -SO<sub>2</sub>NEt<sub>2</sub>, -NMe<sub>2</sub>, -NEt<sub>2</sub>, morpholino, -NO<sub>2</sub>, and -CN.

241. (New) A compound according to claim 188, wherein Cy is independently phenyl and is optionally substituted with one or more groups selected from -C(=O)OMe, -C(=O)OEt, -C(=O)O(Pr), -C(=O)O(iPr), -C(=O)O(nBu), -C(=O)O(sBu), -C(=O)O(iBu),

-C(=O)O(tBu), -C(=O)O(nPe), -C(=O)OCH<sub>2</sub>CH<sub>2</sub>OH, -C(=O)OCH<sub>2</sub>CH<sub>2</sub>OMe, -C(=O)OCH<sub>2</sub>CH<sub>2</sub>OEt, -(C=O)NH<sub>2</sub>, -(C=O)NMe<sub>2</sub>, -(C=O)NEt<sub>2</sub>, -(C=O)N(iPr)<sub>2</sub>, -(C=O)N(CH<sub>2</sub>CH<sub>2</sub>OH)<sub>2</sub>, -(C=O)Me, -(C=O)Et, -(C=O)-cHex, -(C=O)Ph, -F, -Cl, -Br, -l, -OH, -OMe, -OEt, -O(iPr), -O(tBu), -OPh, -OCF<sub>3</sub>, -OCH<sub>2</sub>CF<sub>3</sub>, -OCH<sub>2</sub>CH<sub>2</sub>OH, -OCH<sub>2</sub>CH<sub>2</sub>OMe, -OCH<sub>2</sub>CH<sub>2</sub>OEt, -OCH<sub>2</sub>CH<sub>2</sub>NH<sub>2</sub>, -OCH<sub>2</sub>CH<sub>2</sub>NMe<sub>2</sub>, -OCH<sub>2</sub>CH<sub>2</sub>N(iPr)<sub>2</sub>, -OPh, -OPh-Me, -OPh-OH, -OPh-OMe, -OPh-F, -OPh-Cl, -OPh-Br, -OPh-I, -Me, -Et, -nPr, -iPr, -nBu, -iBu, -sBu, -tBu, -nPe, -CF<sub>3</sub>, -CH<sub>2</sub>CF<sub>3</sub>, -CH<sub>2</sub>CH<sub>2</sub>OH, -CH<sub>2</sub>CH<sub>2</sub>OMe, -CH<sub>2</sub>CH<sub>2</sub>OEt, -CH<sub>2</sub>CH<sub>2</sub>NH<sub>2</sub>, -CH<sub>2</sub>CH<sub>2</sub>NMe<sub>2</sub>, -CH<sub>2</sub>CH<sub>2</sub>N(iPr)<sub>2</sub>, -CH<sub>2</sub>-Ph, -Ph, -Ph-Me, -Ph-OH, -Ph-OMe, -Ph-F, -Ph-Cl, -Ph-Br, -Ph-I, -SO<sub>2</sub>Me, -SO<sub>2</sub>Et, -SO<sub>2</sub>Ph, -SO<sub>2</sub>NH<sub>2</sub>, -SO<sub>2</sub>NMe<sub>2</sub>, -SO<sub>2</sub>NEt<sub>2</sub>, -NMe<sub>2</sub>, -NEt<sub>2</sub>, morpholino, -NO<sub>2</sub>, and -CN.

242. (New) A compound according to claim 189, wherein Cy is independently phenyl and is optionally substituted with one or more groups selected from -C(=O)OMe, -C(=O)OEt, -C(=O)O(Pr), -C(=O)O(iPr), -C(=O)O(nBu), -C(=O)O(sBu), -C(=O)O(iBu), -C(=O)O(tBu), -C(=O)O(nPe), -C(=O)OCH<sub>2</sub>CH<sub>2</sub>OH, -C(=O)OCH<sub>2</sub>CH<sub>2</sub>OMe, -C(=O)OCH<sub>2</sub>CH<sub>2</sub>OEt, -(C=O)NH<sub>2</sub>, -(C=O)NMe<sub>2</sub>, -(C=O)NEt<sub>2</sub>, -(C=O)N(iPr)<sub>2</sub>, -(C=O)N(CH<sub>2</sub>CH<sub>2</sub>OH)<sub>2</sub>, -(C=O)Me, -(C=O)Et, -(C=O)-cHex, -(C=O)Ph, -F, -Cl, -Br, -I, -OH, -OMe, -OEt, -O(iPr), -O(tBu), -OPh, -OCF<sub>3</sub>, -OCH<sub>2</sub>CF<sub>3</sub>, -OCH<sub>2</sub>CH<sub>2</sub>OH, -OCH<sub>2</sub>CH<sub>2</sub>OMe, -OCH<sub>2</sub>CH<sub>2</sub>OEt, -OCH<sub>2</sub>CH<sub>2</sub>NH<sub>2</sub>, -OCH<sub>2</sub>CH<sub>2</sub>NMe<sub>2</sub>, -OCH<sub>2</sub>CH<sub>2</sub>N(iPr)<sub>2</sub>, -OPh, -OPh-Me, -OPh-OH, -OPh-OMe, -OPh-F, -OPh-Cl, -OPh-Br, -OPh-I, -Me, -Et, -nPr, -iPr, -nBu, -iBu, -sBu, -tBu, -nPe, -CF<sub>3</sub>, -CH<sub>2</sub>CF<sub>3</sub>, -CH<sub>2</sub>CH<sub>2</sub>OH, -CH<sub>2</sub>CH<sub>2</sub>OMe, -CH<sub>2</sub>CH<sub>2</sub>OEt, -CH<sub>2</sub>CH<sub>2</sub>NHe<sub>2</sub>, -CH<sub>2</sub>CH<sub>2</sub>N(iPr)<sub>2</sub>, -CH<sub>2</sub>-Ph, -Ph, -Ph, -Ph-Me,

-Ph-OH, -Ph-OMe, -Ph-F, -Ph-Cl, -Ph-Br, -Ph-I, -SO<sub>2</sub>Me, -SO<sub>2</sub>Et, -SO<sub>2</sub>Ph, -SO<sub>2</sub>NH<sub>2</sub>, -SO<sub>2</sub>NMe<sub>2</sub>, -SO<sub>2</sub>NEt<sub>2</sub>, -NMe<sub>2</sub>, -NEt<sub>2</sub>, morpholino, -NO<sub>2</sub>, and -CN.

243. (New) A compound according to claim 190, wherein Cy is independently phenyl and is optionally substituted with one or more groups selected from -C(=O)OMe, -C(=O)OEt, -C(=O)O(Pr), -C(=O)O(iPr), -C(=O)O(nBu), -C(=O)O(sBu), -C(=O)O(iBu), -C(=O)O(tBu), -C(=O)O(tBu), -C(=O)O(nPe), -C(=O)OCH<sub>2</sub>CH<sub>2</sub>OH, -C(=O)OCH<sub>2</sub>CH<sub>2</sub>OMe, -C(=O)OCH<sub>2</sub>CH<sub>2</sub>OEt, -(C=O)NH<sub>2</sub>, -(C=O)NMe<sub>2</sub>, -(C=O)NEt<sub>2</sub>, -(C=O)N(iPr)<sub>2</sub>, -(C=O)N(iPr)<sub>2</sub>, -(C=O)N(CH<sub>2</sub>CH<sub>2</sub>OH)<sub>2</sub>, -(C=O)Me, -(C=O)Et, -(C=O)-cHex, -(C=O)Ph, -F, -Cl, -Br, -I, -OH, -OMe, -OEt, -O(iPr), -O(tBu), -OPh, -OCF<sub>3</sub>, -OCH<sub>2</sub>CF<sub>3</sub>, -OCH<sub>2</sub>CH<sub>2</sub>OH, -OCH<sub>2</sub>CH<sub>2</sub>OMe, -OCH<sub>2</sub>CH<sub>2</sub>OEt, -OCH<sub>2</sub>CH<sub>2</sub>NH<sub>2</sub>, -OCH<sub>2</sub>CH<sub>2</sub>NMe<sub>2</sub>, -OCH<sub>2</sub>CH<sub>2</sub>N(iPr)<sub>2</sub>, -OPh, -OPh-Me, -OPh-OH, -OPh-OMe, -OPh-F, -OPh-Cl, -OPh-Br, -OPh-I, -Me, -Et, -nPr, -iPr, -nBu, -iBu, -sBu, -tBu, -nPe, -CF<sub>3</sub>, -CH<sub>2</sub>CF<sub>3</sub>, -CH<sub>2</sub>CH<sub>2</sub>OH, -CH<sub>2</sub>CH<sub>2</sub>OMe, -CH<sub>2</sub>CH<sub>2</sub>OEt, -CH<sub>2</sub>CH<sub>2</sub>NH<sub>2</sub>, -CH<sub>2</sub>CH<sub>2</sub>NMe<sub>2</sub>, -CH<sub>2</sub>CH<sub>2</sub>N(iPr)<sub>2</sub>, -CH<sub>2</sub>-Ph, -Ph, -Ph-Me, -Ph-OH, -Ph-OMe, -Ph-F, -Ph-Cl, -Ph-Br, -Ph-I, -SO<sub>2</sub>Me, -SO<sub>2</sub>Et, -SO<sub>2</sub>Ph, -SO<sub>2</sub>NH<sub>2</sub>, -SO<sub>2</sub>NMe<sub>2</sub>, -SO<sub>2</sub>NEt<sub>2</sub>, -NMe<sub>2</sub>, -NEt<sub>2</sub>, morpholino, -NO<sub>2</sub>, and -CN.

244. (New) A compound according to claim 195, wherein Cy is independently phenyl and is optionally substituted with one or more groups selected from -C(=O)OMe, -C(=O)OEt, -C(=O)O(Pr), -C(=O)O(iPr), -C(=O)O(nBu), -C(=O)O(sBu), -C(=O)O(iBu), -C(=O)O(tBu), -C(=O)O(nPe), -C(=O)OCH<sub>2</sub>CH<sub>2</sub>OH, -C(=O)OCH<sub>2</sub>CH<sub>2</sub>OMe, -C(=O)OCH<sub>2</sub>CH<sub>2</sub>OEt, -(C=O)NH<sub>2</sub>, -(C=O)NMe<sub>2</sub>, -(C=O)NEt<sub>2</sub>, -(C=O)N(iPr)<sub>2</sub>, -(C=O)N(CH<sub>2</sub>CH<sub>2</sub>OH)<sub>2</sub>, -(C=O)Me, -(C=O)Et, -(C=O)-cHex, -(C=O)Ph, -F, -Cl, -Br, -I, -OH, -OMe, -OEt, -O(iPr), -O(tBu), -OPh, -OCF<sub>3</sub>, -OCH<sub>2</sub>CF<sub>3</sub>, -OCH<sub>2</sub>CH<sub>2</sub>OH,

-OCH<sub>2</sub>CH<sub>2</sub>OMe, -OCH<sub>2</sub>CH<sub>2</sub>OEt, -OCH<sub>2</sub>CH<sub>2</sub>NH<sub>2</sub>, -OCH<sub>2</sub>CH<sub>2</sub>NMe<sub>2</sub>, -OCH<sub>2</sub>CH<sub>2</sub>N(iPr)<sub>2</sub>, -OPh, -OPh-Me, -OPh-OH, -OPh-OMe, -OPh-F, -OPh-Cl, -OPh-Br, -OPh-I, -Me, -Et, -nPr, -iPr, -nBu, -iBu, -sBu, -tBu, -nPe, -CF<sub>3</sub>, -CH<sub>2</sub>CF<sub>3</sub>, -CH<sub>2</sub>CH<sub>2</sub>OH, -CH<sub>2</sub>CH<sub>2</sub>OMe, -CH<sub>2</sub>CH<sub>2</sub>OEt, -CH<sub>2</sub>CH<sub>2</sub>NH<sub>2</sub>, -CH<sub>2</sub>CH<sub>2</sub>NMe<sub>2</sub>, -CH<sub>2</sub>CH<sub>2</sub>N(iPr)<sub>2</sub>, -CH<sub>2</sub>-Ph, -Ph, -Ph-Me, -Ph-OH, -Ph-OMe, -Ph-F, -Ph-Cl, -Ph-Br, -Ph-I, -SO<sub>2</sub>Me, -SO<sub>2</sub>Et, -SO<sub>2</sub>Ph, -SO<sub>2</sub>NH<sub>2</sub>, -SO<sub>2</sub>NMe<sub>2</sub>, -SO<sub>2</sub>NEt<sub>2</sub>, -NMe<sub>2</sub>, -NEt<sub>2</sub>, morpholino, -NO<sub>2</sub>, and -CN.

245. (New) A compound according to claim 196, wherein Cy is independently phenyl and is optionally substituted with one or more groups selected from -C(=O)OMe, -C(=O)OEt, -C(=O)O(Pr), -C(=O)O(iPr), -C(=O)O(nBu), -C(=O)O(sBu), -C(=O)O(iBu), -C(=O)O(tBu), -C(=O)O(nPe), -C(=O)OCH<sub>2</sub>CH<sub>2</sub>OH, -C(=O)OCH<sub>2</sub>CH<sub>2</sub>OMe, -C(=O)OCH<sub>2</sub>CH<sub>2</sub>OEt, -(C=O)NH<sub>2</sub>, -(C=O)NMe<sub>2</sub>, -(C=O)NEt<sub>2</sub>, -(C=O)N(iPr)<sub>2</sub>, -(C=O)N(CH<sub>2</sub>CH<sub>2</sub>OH)<sub>2</sub>, -(C=O)Me, -(C=O)Et, -(C=O)-cHex, -(C=O)Ph, -F, -Cl, -Br, -I, -OH, -OMe, -OEt, -O(iPr), -O(tBu), -OPh, -OCF<sub>3</sub>, -OCH<sub>2</sub>CF<sub>3</sub>, -OCH<sub>2</sub>CH<sub>2</sub>OH, -OCH<sub>2</sub>CH<sub>2</sub>OMe, -OCH<sub>2</sub>CH<sub>2</sub>OEt, -OCH<sub>2</sub>CH<sub>2</sub>NH<sub>2</sub>, -OCH<sub>2</sub>CH<sub>2</sub>NMe<sub>2</sub>, -OCH<sub>2</sub>CH<sub>2</sub>N(iPr)<sub>2</sub>, -OPh, -OPh-Me, -OPh-OH, -OPh-OMe, -OPh-F, -OPh-Cl, -OPh-Br, -OPh-I, -Me, -Et, -nPr, -iPr, -nBu, -iBu, -sBu, -tBu, -nPe, -CF<sub>3</sub>, -CH<sub>2</sub>CF<sub>3</sub>, -CH<sub>2</sub>CH<sub>2</sub>OH, -CH<sub>2</sub>CH<sub>2</sub>OMe, -CH<sub>2</sub>CH<sub>2</sub>OEt, -CH<sub>2</sub>CH<sub>2</sub>NHe<sub>2</sub>, -CH<sub>2</sub>CH<sub>2</sub>NMe<sub>2</sub>, -CH<sub>2</sub>CH<sub>2</sub>OMe, -CH<sub>2</sub>CH<sub>2</sub>OEt, -CH<sub>2</sub>CH<sub>2</sub>NHe<sub>2</sub>, -CH<sub>2</sub>CH<sub>2</sub>NMe<sub>2</sub>, -CH<sub>2</sub>CH<sub>2</sub>NHe, -Ph-OH, -Ph-OMe, -Ph-F, -Ph-Cl, -Ph-Br, -Ph-I, -SO<sub>2</sub>Me, -SO<sub>2</sub>Et, -SO<sub>2</sub>Ph, -SO<sub>2</sub>NH<sub>2</sub>, -SO<sub>2</sub>NMe<sub>2</sub>, -SO<sub>2</sub>NEt<sub>2</sub>, -NMe<sub>2</sub>, -NEt<sub>2</sub>, morpholino, -NO<sub>2</sub>, and -CN.

246. (New) A compound according to claim 197, wherein Cy is independently phenyl and is optionally substituted with one or more groups selected from -C(=O)OMe, -C(=O)OEt, -C(=O)O(Pr), -C(=O)O(iPr), -C(=O)O(nBu), -C(=O)O(sBu), -C(=O)O(iBu),

-C(=O)O(tBu), -C(=O)O(nPe), -C(=O)OCH<sub>2</sub>CH<sub>2</sub>OH, -C(=O)OCH<sub>2</sub>CH<sub>2</sub>OMe, -C(=O)OCH<sub>2</sub>CH<sub>2</sub>OEt, -(C=O)NH<sub>2</sub>, -(C=O)NMe<sub>2</sub>, -(C=O)NEt<sub>2</sub>, -(C=O)N(iPr)<sub>2</sub>, -(C=O)N(CH<sub>2</sub>CH<sub>2</sub>OH)<sub>2</sub>, -(C=O)Me, -(C=O)Et, -(C=O)-cHex, -(C=O)Ph, -F, -Cl, -Br, -l, -OH, -OMe, -OEt, -O(iPr), -O(tBu), -OPh, -OCF<sub>3</sub>, -OCH<sub>2</sub>CF<sub>3</sub>, -OCH<sub>2</sub>CH<sub>2</sub>OH, -OCH<sub>2</sub>CH<sub>2</sub>OMe, -OCH<sub>2</sub>CH<sub>2</sub>OEt, -OCH<sub>2</sub>CH<sub>2</sub>NH<sub>2</sub>, -OCH<sub>2</sub>CH<sub>2</sub>NMe<sub>2</sub>, -OCH<sub>2</sub>CH<sub>2</sub>N(iPr)<sub>2</sub>, -OPh, -OPh-Me, -OPh-OH, -OPh-OMe, -OPh-F, -OPh-Cl, -OPh-Br, -OPh-I, -Me, -Et, -nPr, -iPr, -nBu, -iBu, -sBu, -tBu, -nPe, -CF<sub>3</sub>, -CH<sub>2</sub>CF<sub>3</sub>, -CH<sub>2</sub>CH<sub>2</sub>OH, -CH<sub>2</sub>CH<sub>2</sub>OMe, -CH<sub>2</sub>CH<sub>2</sub>OEt, -CH<sub>2</sub>CH<sub>2</sub>NH<sub>2</sub>, -CH<sub>2</sub>CH<sub>2</sub>NMe<sub>2</sub>, -CH<sub>2</sub>CH<sub>2</sub>N(iPr)<sub>2</sub>, -CH<sub>2</sub>-Ph, -Ph, -Ph-Me, -Ph-OH, -Ph-OMe, -Ph-F, -Ph-Cl, -Ph-Br, -Ph-I, -SO<sub>2</sub>Me, -SO<sub>2</sub>Et, -SO<sub>2</sub>Ph, -SO<sub>2</sub>NH<sub>2</sub>, -SO<sub>2</sub>NMe<sub>2</sub>, -SO<sub>2</sub>NEt<sub>2</sub>, -NMe<sub>2</sub>, -NEt<sub>2</sub>, morpholino, -NO<sub>2</sub>, and -CN.

247. (New) A compound according to claim 198, wherein Cy is independently phenyl and is optionally substituted with one or more groups selected from -C(=O)OMe, -C(=O)OEt, -C(=O)O(Pr), -C(=O)O(iPr), -C(=O)O(nBu), -C(=O)O(sBu), -C(=O)O(iBu), -C(=O)O(tBu), -C(=O)O(nPe), -C(=O)OCH<sub>2</sub>CH<sub>2</sub>OH, -C(=O)OCH<sub>2</sub>CH<sub>2</sub>OMe, -C(=O)OCH<sub>2</sub>CH<sub>2</sub>OEt, -(C=O)NH<sub>2</sub>, -(C=O)NMe<sub>2</sub>, -(C=O)NEt<sub>2</sub>, -(C=O)N(iPr)<sub>2</sub>, -(C=O)N(CH<sub>2</sub>CH<sub>2</sub>OH)<sub>2</sub>, -(C=O)Me, -(C=O)Et, -(C=O)-cHex, -(C=O)Ph, -F, -Cl, -Br, -I, -OH, -OMe, -OEt, -O(iPr), -O(tBu), -OPh, -OCF<sub>3</sub>, -OCH<sub>2</sub>CF<sub>3</sub>, -OCH<sub>2</sub>CH<sub>2</sub>OH, -OCH<sub>2</sub>CH<sub>2</sub>OMe, -OCH<sub>2</sub>CH<sub>2</sub>OEt, -OCH<sub>2</sub>CH<sub>2</sub>NH<sub>2</sub>, -OCH<sub>2</sub>CH<sub>2</sub>NMe<sub>2</sub>, -OCH<sub>2</sub>CH<sub>2</sub>N(iPr)<sub>2</sub>, -OPh, -OPh-Me, -OPh-OH, -OPh-OMe, -OPh-F, -OPh-Cl, -OPh-Br, -OPh-I, -Me, -Et, -nPr, -iPr, -nBu, -iBu, -sBu, -tBu, -nPe, -CF<sub>3</sub>, -CH<sub>2</sub>CF<sub>3</sub>, -CH<sub>2</sub>CH<sub>2</sub>OH, -CH<sub>2</sub>CH<sub>2</sub>OMe, -CH<sub>2</sub>CH<sub>2</sub>OEt, -CH<sub>2</sub>CH<sub>2</sub>NHe<sub>2</sub>, -CH<sub>2</sub>CH<sub>2</sub>N(iPr)<sub>2</sub>, -CH<sub>2</sub>-Ph, -Ph, -Ph, -Ph-Me,

-Ph-OH, -Ph-OMe, -Ph-F, -Ph-Cl, -Ph-Br, -Ph-I, -SO<sub>2</sub>Me, -SO<sub>2</sub>Et, -SO<sub>2</sub>Ph, -SO<sub>2</sub>NH<sub>2</sub>, -SO<sub>2</sub>NMe<sub>2</sub>, -SO<sub>2</sub>NEt<sub>2</sub>, -NMe<sub>2</sub>, -NEt<sub>2</sub>, morpholino, -NO<sub>2</sub>, and -CN.

248. (New) A compound according to claim 199, wherein Cy is independently phenyl and is optionally substituted with one or more groups selected from -C(=O)OMe, -C(=O)OEt, -C(=O)O(Pr), -C(=O)O(iPr), -C(=O)O(nBu), -C(=O)O(sBu), -C(=O)O(iBu), -C(=O)O(tBu), -C(=O)O(tBu), -C(=O)O(nPe), -C(=O)OCH<sub>2</sub>CH<sub>2</sub>OH, -C(=O)OCH<sub>2</sub>CH<sub>2</sub>OMe, -C(=O)OCH<sub>2</sub>CH<sub>2</sub>OEt, -(C=O)NH<sub>2</sub>, -(C=O)NMe<sub>2</sub>, -(C=O)NEt<sub>2</sub>, -(C=O)N(iPr)<sub>2</sub>, -(C=O)N(iPr)<sub>2</sub>, -(C=O)N(CH<sub>2</sub>CH<sub>2</sub>OH)<sub>2</sub>, -(C=O)Me, -(C=O)Et, -(C=O)-cHex, -(C=O)Ph, -F, -Cl, -Br, -l, -OH, -OMe, -OEt, -O(iPr), -O(tBu), -OPh, -OCF<sub>3</sub>, -OCH<sub>2</sub>CF<sub>3</sub>, -OCH<sub>2</sub>CH<sub>2</sub>OH, -OCH<sub>2</sub>CH<sub>2</sub>OMe, -OCH<sub>2</sub>CH<sub>2</sub>OEt, -OCH<sub>2</sub>CH<sub>2</sub>NH<sub>2</sub>, -OCH<sub>2</sub>CH<sub>2</sub>NMe<sub>2</sub>, -OCH<sub>2</sub>CH<sub>2</sub>N(iPr)<sub>2</sub>, -OPh, -OPh-Me, -OPh-OH, -OPh-OMe, -OPh-F, -OPh-Cl, -OPh-Br, -OPh-I, -Me, -Et, -nPr, -iPr, -nBu, -iBu, -sBu, -tBu, -nPe, -CF<sub>3</sub>, -CH<sub>2</sub>CF<sub>3</sub>, -CH<sub>2</sub>CH<sub>2</sub>OH, -CH<sub>2</sub>CH<sub>2</sub>OMe, -CH<sub>2</sub>CH<sub>2</sub>OEt, -CH<sub>2</sub>CH<sub>2</sub>NH<sub>2</sub>, -CH<sub>2</sub>CH<sub>2</sub>NMe<sub>2</sub>, -CH<sub>2</sub>CH<sub>2</sub>N(iPr)<sub>2</sub>, -CH<sub>2</sub>-Ph, -Ph, -Ph-Me, -Ph-OH, -Ph-OMe, -Ph-F, -Ph-Cl, -Ph-Br, -Ph-I, -SO<sub>2</sub>Me, -SO<sub>2</sub>Et, -SO<sub>2</sub>Ph, -SO<sub>2</sub>NH<sub>2</sub>, -SO<sub>2</sub>NMe<sub>2</sub>, -SO<sub>2</sub>NEt<sub>2</sub>, -NMe<sub>2</sub>, -NEt<sub>2</sub>, morpholino, -NO<sub>2</sub>, and -CN.

249. (New) A compound according to claim 200, wherein Cy is independently phenyl and is optionally substituted with one or more groups selected from -C(=O)OMe, -C(=O)OEt, -C(=O)O(Pr), -C(=O)O(iPr), -C(=O)O(nBu), -C(=O)O(sBu), -C(=O)O(iBu), -C(=O)O(tBu), -C(=O)O(nPe), -C(=O)OCH<sub>2</sub>CH<sub>2</sub>OH, -C(=O)OCH<sub>2</sub>CH<sub>2</sub>OMe, -C(=O)OCH<sub>2</sub>CH<sub>2</sub>OEt, -(C=O)NH<sub>2</sub>, -(C=O)NMe<sub>2</sub>, -(C=O)NEt<sub>2</sub>, -(C=O)N(iPr)<sub>2</sub>, -(C=O)N(CH<sub>2</sub>CH<sub>2</sub>OH)<sub>2</sub>, -(C=O)Me, -(C=O)Et, -(C=O)-cHex, -(C=O)Ph, -F, -Cl, -Br, -I, -OH, -OMe, -OEt, -O(iPr), -O(tBu), -OPh, -OCF<sub>3</sub>, -OCH<sub>2</sub>CF<sub>3</sub>, -OCH<sub>2</sub>CH<sub>2</sub>OH,

-OCH<sub>2</sub>CH<sub>2</sub>OMe, -OCH<sub>2</sub>CH<sub>2</sub>OEt, -OCH<sub>2</sub>CH<sub>2</sub>NH<sub>2</sub>, -OCH<sub>2</sub>CH<sub>2</sub>NMe<sub>2</sub>, -OCH<sub>2</sub>CH<sub>2</sub>N(iPr)<sub>2</sub>, -OPh, -OPh-Me, -OPh-OH, -OPh-OMe, -OPh-F, -OPh-Cl, -OPh-Br, -OPh-I, -Me, -Et, -nPr, -iPr, -nBu, -iBu, -sBu, -tBu, -nPe, -CF<sub>3</sub>, -CH<sub>2</sub>CF<sub>3</sub>, -CH<sub>2</sub>CH<sub>2</sub>OH, -CH<sub>2</sub>CH<sub>2</sub>OMe, -CH<sub>2</sub>CH<sub>2</sub>OEt, -CH<sub>2</sub>CH<sub>2</sub>NH<sub>2</sub>, -CH<sub>2</sub>CH<sub>2</sub>NMe<sub>2</sub>, -CH<sub>2</sub>CH<sub>2</sub>N(iPr)<sub>2</sub>, -CH<sub>2</sub>-Ph, -Ph, -Ph-Me, -Ph-OH, -Ph-OMe, -Ph-F, -Ph-Cl, -Ph-Br, -Ph-I, -SO<sub>2</sub>Me, -SO<sub>2</sub>Et, -SO<sub>2</sub>Ph, -SO<sub>2</sub>NH<sub>2</sub>, -SO<sub>2</sub>NMe<sub>2</sub>, -SO<sub>2</sub>NEt<sub>2</sub>, -NMe<sub>2</sub>, -NEt<sub>2</sub>, morpholino, -NO<sub>2</sub>, and -CN.

250. (New) A compound according to claim 210, wherein Cy is independently phenyl and is optionally substituted with one or more groups selected from -C(=O)OMe, -C(=O)OEt, -C(=O)O(Pr), -C(=O)O(iPr), -C(=O)O(nBu), -C(=O)O(sBu), -C(=O)O(iBu), -C(=O)O(tBu), -C(=O)O(nPe), -C(=O)OCH<sub>2</sub>CH<sub>2</sub>OH, -C(=O)OCH<sub>2</sub>CH<sub>2</sub>OMe, -C(=O)OCH<sub>2</sub>CH<sub>2</sub>OEt, -(C=O)NH<sub>2</sub>, -(C=O)NMe<sub>2</sub>, -(C=O)NEt<sub>2</sub>, -(C=O)N(iPr)<sub>2</sub>, -(C=O)N(CH<sub>2</sub>CH<sub>2</sub>OH)<sub>2</sub>, -(C=O)Me, -(C=O)Et, -(C=O)-cHex, -(C=O)Ph, -F, -Cl, -Br, -I, -OH, -OMe, -OEt, -O(iPr), -O(tBu), -OPh, -OCF<sub>3</sub>, -OCH<sub>2</sub>CF<sub>3</sub>, -OCH<sub>2</sub>CH<sub>2</sub>OH, -OCH<sub>2</sub>CH<sub>2</sub>OMe, -OCH<sub>2</sub>CH<sub>2</sub>OEt, -OCH<sub>2</sub>CH<sub>2</sub>NH<sub>2</sub>, -OCH<sub>2</sub>CH<sub>2</sub>NMe<sub>2</sub>, -OCH<sub>2</sub>CH<sub>2</sub>N(iPr)<sub>2</sub>, -OPh, -OPh-Me, -OPh-OH, -OPh-OMe, -OPh-F, -OPh-Cl, -OPh-Br, -OPh-I, -Me, -Et, -nPr, -iPr, -nBu, -iBu, -sBu, -tBu, -nPe, -CF<sub>3</sub>, -CH<sub>2</sub>CF<sub>3</sub>, -CH<sub>2</sub>CH<sub>2</sub>OH, -CH<sub>2</sub>CH<sub>2</sub>OMe, -CH<sub>2</sub>CH<sub>2</sub>OEt, -CH<sub>2</sub>CH<sub>2</sub>NHe<sub>2</sub>, -CH<sub>2</sub>CH<sub>2</sub>NMe<sub>2</sub>, -CH<sub>2</sub>CH<sub>2</sub>OMe, -CH<sub>2</sub>CH<sub>2</sub>OEt, -CH<sub>2</sub>CH<sub>2</sub>NHe<sub>2</sub>, -CH<sub>2</sub>CH<sub>2</sub>NMe<sub>2</sub>, -CH<sub>2</sub>CH<sub>2</sub>NHe, -Ph-OH, -Ph-OMe, -Ph-F, -Ph-Cl, -Ph-Br, -Ph-I, -SO<sub>2</sub>Me, -SO<sub>2</sub>Et, -SO<sub>2</sub>Ph, -SO<sub>2</sub>NH<sub>2</sub>, -SO<sub>2</sub>NMe<sub>2</sub>, -SO<sub>2</sub>NEt<sub>2</sub>, -NMe<sub>2</sub>, -NEt<sub>2</sub>, morpholino, -NO<sub>2</sub>, and -CN.

251. (New) A compound according to claim 211, wherein Cy is independently phenyl and is optionally substituted with one or more groups selected from -C(=O)OMe, -C(=O)OEt, -C(=O)O(Pr), -C(=O)O(iPr), -C(=O)O(nBu), -C(=O)O(sBu), -C(=O)O(iBu),

-C(=O)O(tBu), -C(=O)O(nPe), -C(=O)OCH<sub>2</sub>CH<sub>2</sub>OH, -C(=O)OCH<sub>2</sub>CH<sub>2</sub>OMe, -C(=O)OCH<sub>2</sub>CH<sub>2</sub>OEt, -(C=O)NH<sub>2</sub>, -(C=O)NMe<sub>2</sub>, -(C=O)NEt<sub>2</sub>, -(C=O)N(iPr)<sub>2</sub>, -(C=O)N(CH<sub>2</sub>CH<sub>2</sub>OH)<sub>2</sub>, -(C=O)Me, -(C=O)Et, -(C=O)-cHex, -(C=O)Ph, -F, -Cl, -Br, -l, -OH, -OMe, -OEt, -O(iPr), -O(tBu), -OPh, -OCF<sub>3</sub>, -OCH<sub>2</sub>CF<sub>3</sub>, -OCH<sub>2</sub>CH<sub>2</sub>OH, -OCH<sub>2</sub>CH<sub>2</sub>OMe, -OCH<sub>2</sub>CH<sub>2</sub>OEt, -OCH<sub>2</sub>CH<sub>2</sub>NH<sub>2</sub>, -OCH<sub>2</sub>CH<sub>2</sub>NMe<sub>2</sub>, -OCH<sub>2</sub>CH<sub>2</sub>N(iPr)<sub>2</sub>, -OPh, -OPh-Me, -OPh-OH, -OPh-OMe, -OPh-F, -OPh-Cl, -OPh-Br, -OPh-I, -Me, -Et, -nPr, -iPr, -nBu, -iBu, -sBu, -tBu, -nPe, -CF<sub>3</sub>, -CH<sub>2</sub>CF<sub>3</sub>, -CH<sub>2</sub>CH<sub>2</sub>OH, -CH<sub>2</sub>CH<sub>2</sub>OMe, -CH<sub>2</sub>CH<sub>2</sub>OEt, -CH<sub>2</sub>CH<sub>2</sub>NH<sub>2</sub>, -CH<sub>2</sub>CH<sub>2</sub>NMe<sub>2</sub>, -CH<sub>2</sub>CH<sub>2</sub>N(iPr)<sub>2</sub>, -CH<sub>2</sub>-Ph, -Ph, -Ph-Me, -Ph-OH, -Ph-OMe, -Ph-F, -Ph-Cl, -Ph-Br, -Ph-I, -SO<sub>2</sub>Me, -SO<sub>2</sub>Et, -SO<sub>2</sub>Ph, -SO<sub>2</sub>NH<sub>2</sub>, -SO<sub>2</sub>NMe<sub>2</sub>, -SO<sub>2</sub>NEt<sub>2</sub>, -NMe<sub>2</sub>, -NEt<sub>2</sub>, morpholino, -NO<sub>2</sub>, and -CN.

252. (New) A compound according to claim 212, wherein Cy is independently phenyl and is optionally substituted with one or more groups selected from -C(=O)OMe, -C(=O)OEt, -C(=O)O(Pr), -C(=O)O(iPr), -C(=O)O(nBu), -C(=O)O(sBu), -C(=O)O(iBu), -C(=O)O(tBu), -C(=O)O(tBu), -C(=O)O(nPe), -C(=O)OCH<sub>2</sub>CH<sub>2</sub>OH, -C(=O)OCH<sub>2</sub>CH<sub>2</sub>OMe, -C(=O)OCH<sub>2</sub>CH<sub>2</sub>OEt, -(C=O)NH<sub>2</sub>, -(C=O)NMe<sub>2</sub>, -(C=O)NEt<sub>2</sub>, -(C=O)N(iPr)<sub>2</sub>, -(C=O)N(CH<sub>2</sub>CH<sub>2</sub>OH)<sub>2</sub>, -(C=O)Me, -(C=O)Et, -(C=O)-cHex, -(C=O)Ph, -F, -Cl, -Br, -I, -OH, -OMe, -OEt, -O(iPr), -O(tBu), -OPh, -OCF<sub>3</sub>, -OCH<sub>2</sub>CF<sub>3</sub>, -OCH<sub>2</sub>CH<sub>2</sub>OH, -OCH<sub>2</sub>CH<sub>2</sub>OMe, -OCH<sub>2</sub>CH<sub>2</sub>OEt, -OCH<sub>2</sub>CH<sub>2</sub>NH<sub>2</sub>, -OCH<sub>2</sub>CH<sub>2</sub>NMe<sub>2</sub>, -OCH<sub>2</sub>CH<sub>2</sub>N(iPr)<sub>2</sub>, -OPh, -OPh-Me, -OPh-OH, -OPh-OMe, -OPh-F, -OPh-Cl, -OPh-Br, -OPh-I, -Me, -Et, -nPr, -iPr, -nBu, -iBu, -sBu, -tBu, -nPe, -CF<sub>3</sub>, -CH<sub>2</sub>CF<sub>3</sub>, -CH<sub>2</sub>CH<sub>2</sub>OH, -CH<sub>2</sub>CH<sub>2</sub>OMe, -CH<sub>2</sub>CH<sub>2</sub>OEt, -CH<sub>2</sub>CH<sub>2</sub>NHe<sub>2</sub>, -CH<sub>2</sub>CH<sub>2</sub>N(iPr)<sub>2</sub>, -CH<sub>2</sub>-Ph, -Ph, -Ph-Me, -CH<sub>2</sub>CH<sub>2</sub>OEt, -CH<sub>2</sub>CH<sub>2</sub>NHe<sub>2</sub>, -CH<sub>2</sub>CH<sub>2</sub>N(iPr)<sub>2</sub>, -CH<sub>2</sub>-Ph, -Ph, -Ph-Me,

-Ph-OH, -Ph-OMe, -Ph-F, -Ph-Cl, -Ph-Br, -Ph-I, -SO<sub>2</sub>Me, -SO<sub>2</sub>Et, -SO<sub>2</sub>Ph, -SO<sub>2</sub>NH<sub>2</sub>, -SO<sub>2</sub>NMe<sub>2</sub>, -SO<sub>2</sub>NEt<sub>2</sub>, -NMe<sub>2</sub>, -NEt<sub>2</sub>, morpholino, -NO<sub>2</sub>, and -CN.

253. (New) A compound according to claim 213, wherein Cy is independently phenyl and is optionally substituted with one or more groups selected from -C(=O)OMe, -C(=O)OEt, -C(=O)O(Pr), -C(=O)O(iPr), -C(=O)O(nBu), -C(=O)O(sBu), -C(=O)O(iBu), -C(=O)O(tBu), -C(=O)O(tBu), -C(=O)O(nPe), -C(=O)OCH<sub>2</sub>CH<sub>2</sub>OH, -C(=O)OCH<sub>2</sub>CH<sub>2</sub>OMe, -C(=O)OCH<sub>2</sub>CH<sub>2</sub>OEt, -(C=O)NH<sub>2</sub>, -(C=O)NMe<sub>2</sub>, -(C=O)NEt<sub>2</sub>, -(C=O)N(iPr)<sub>2</sub>, -(C=O)N(iPr)<sub>2</sub>, -(C=O)N(CH<sub>2</sub>CH<sub>2</sub>OH)<sub>2</sub>, -(C=O)Me, -(C=O)Et, -(C=O)-cHex, -(C=O)Ph, -F, -Cl, -Br, -l, -OH, -OMe, -OEt, -O(iPr), -O(tBu), -OPh, -OCF<sub>3</sub>, -OCH<sub>2</sub>CF<sub>3</sub>, -OCH<sub>2</sub>CH<sub>2</sub>OH, -OCH<sub>2</sub>CH<sub>2</sub>OMe, -OCH<sub>2</sub>CH<sub>2</sub>OEt, -OCH<sub>2</sub>CH<sub>2</sub>NH<sub>2</sub>, -OCH<sub>2</sub>CH<sub>2</sub>NMe<sub>2</sub>, -OCH<sub>2</sub>CH<sub>2</sub>N(iPr)<sub>2</sub>, -OPh, -OPh-Me, -OPh-OH, -OPh-OMe, -OPh-F, -OPh-Cl, -OPh-Br, -OPh-I, -Me, -Et, -nPr, -iPr, -nBu, -iBu, -sBu, -tBu, -nPe, -CF<sub>3</sub>, -CH<sub>2</sub>CF<sub>3</sub>, -CH<sub>2</sub>CH<sub>2</sub>OH, -CH<sub>2</sub>CH<sub>2</sub>OMe, -CH<sub>2</sub>CH<sub>2</sub>OEt, -CH<sub>2</sub>CH<sub>2</sub>NH<sub>2</sub>, -CH<sub>2</sub>CH<sub>2</sub>NMe<sub>2</sub>, -CH<sub>2</sub>CH<sub>2</sub>N(iPr)<sub>2</sub>, -CH<sub>2</sub>-Ph, -Ph, -Ph-Me, -Ph-OH, -Ph-OMe, -Ph-F, -Ph-Cl, -Ph-Br, -Ph-I, -SO<sub>2</sub>Me, -SO<sub>2</sub>Et, -SO<sub>2</sub>Ph, -SO<sub>2</sub>NH<sub>2</sub>, -SO<sub>2</sub>NMe<sub>2</sub>, -SO<sub>2</sub>NEt<sub>2</sub>, -NMe<sub>2</sub>, -NEt<sub>2</sub>, morpholino, -NO<sub>2</sub>, and -CN.

254. (New) A compound according to claim 174, wherein Cy is independently phenyl and is optionally substituted with one or more groups selected from -C(=O)OMe, -C(=O)O(Pr), -C(=O)NHMe, -C(=O)Et, -C(=O)Ph, -OCH<sub>2</sub>CH<sub>2</sub>OH, -OMe, -OPh, -nPr, -iPr, -CF<sub>3</sub>, -CH<sub>2</sub>CH<sub>2</sub>OH, -CH<sub>2</sub>CH<sub>2</sub>NMe<sub>2</sub>, -Ph, -Ph-F, -Ph-Cl, -SO<sub>2</sub>Me, -SO<sub>2</sub>Me<sub>2</sub>, -NMe<sub>2</sub>, -F, -Cl, -Me, -Et, -OMe, -OEt, -CH<sub>2</sub>-Ph, and -O-CH<sub>2</sub>-Ph.

255. (New) A compound according to claim 80, selected from the following compounds, and pharmaceutically acceptable salts thereof:

256. (New) A compound according to claim 80, selected from the following compounds, and pharmaceutically acceptable salts thereof:

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Amendment

February 26, 2009

257. (New) A compound according to claim 80, selected from the following compounds, and pharmaceutically acceptable salts thereof:

$$\begin{array}{c} H_2C \\ CI \\ \end{array}$$

258. (New) A compound according to claim 80, selected from the following compounds, and pharmaceutically acceptable salts thereof:

259. (New) A composition comprising a compound according to claim 80 and a pharmaceutically acceptable carrier.